off-*line* account area, to write the prepaid remainder, simultaneously to decrease and write the *off*-*line* remainder of the *off*-*line* account area.
CONSTITUTION: A first PIN (a system code common for systems) is sent to an IC card 1 and the *transaction* amount is subtracted from the prepaid amount of a prepaid area 2a and written by accessing the prepaid area 2a. When the prepaid remainder of the prepaid area 2a in the IC card 1 is made a little or lacked, a part of the *off*-*line* remainder of an *off*-*line* area 2b in the IC card 1 is added to the prepaid remainder of the prepaid area 2a in the IC card 1 by using an encoder 11. In such a case, in order to access the *off*-*line* area 2b of the IC card 1, it is necessary to input the personal identification code (the second PIN.) Thus, when *transaction* is *executed* , it is not necessary to input the personal identification code.

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DIALOG(R)File 347:JAPIO

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UPDATE PROCESSING SYSTEM FOR ACCUMULATED DATA IN AUTOMATIC TRANSACTION MACHINE

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ABSTRACT

PURPOSE: To prevent opening from being delayed and handling from being stopped by providing a holding transaction system, which *executes* the update processing of accumulated data with a host device, and *executing* the update processing asynchronously with transaction processing.

CONSTITUTION: The holding transaction system to *execute* the update processing with the host device 10 is provided independently of a transacting system. Thus, a holding memory 29 is provided to store accumulated data 50 and a holding data control part 28 *executes* the delivery of the accumulated data between a transacting part 21 and a holding transacting part 22 and the update processing in the holding memory 29. Thus, the transacting part 21 demands the reading of the reference data to the holding data control part 28 and *executes* *off*-*line* *transaction* . Then, the recording of transacting data 51, which is a transacted result, is requested to the holding data control part 28. On the other hand, when there is the receiving request of the reference data from the host device 10, the holding transaction part 22 receives updating data 53 and stores the data to the holding memory 29 and update it. After that, if untransmitted *off*-*line* *transaction* data 51 exist in the holding memory 29 and, in the case of a transmitting condition, the data are transmitted to the host device 10.